



Patent
Attorney Docket No. 015452-029

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Frank J. Land

Application No.: 10/607,739

Filing Date: June 27, 2003

Title: Fire Resistant Corespun Yarn and Fabric Comprising Same

Group Art Unit: Unassigned

Examiner: Unassigned

Confirmation No.: Unassigned

**FIRST
INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a **FIRST** Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge _____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of _____ is enclosed for the fee due.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404
Alexandria, Virginia 22313-1404
(919) 941-9240

Date: September 23, 2003

By Mary B. Grant
Mary B. Grant
Registration No. 32,176

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Frank J. Land

Application No.: 10/607,739

Filing Date: June 27, 2003

Title: Fire Resistant Corespun Yarn and Fabric Comprising Same



Group Art Unit: Unassigned

Examiner: Unassigned

Confirmation No.: Unassigned

**FIRST
INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a FIRST Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge _____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of _____ is enclosed for the fee due.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404
Alexandria, Virginia 22313-1404
(919) 941-9240

Date: September 23, 2003

By Mary B. Grant
Mary B. Grant
Registration No. 32,176

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Frank J. Land

Application No.: 10/607,739

Filed: June 27, 2003

For: Fire Resistant Corespun Yarn and Fabric
Comprising Same

Group Art Unit: Unassigned

Examiner: Unassigned

Confirmation No.: Unassigned

FIRST INFORMATION DISCLOSURE STATEMENTCommissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicant hereby submits the following PTO-1449 forms in conformance with 37 C.F.R. §§ 1.97 and 1.98.

All of the listed documents were previously made of record in prior Application Serial No. 09/948,720, filed on September 10, 2001, upon which Applicants rely for the benefits provided in 35 U.S.C. § 120.

It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By:

Mary B. Grant
Registration No. 32,176P.O. Box 1404
Alexandria, Virginia 22313-1404
(919) 941-9240Date: September 23, 2003

Notice of References Cited

Application/Control No.

09/948,720

Applicant(s)/Patent Under

Reexamination
LAND, FRANK J.

Examiner

Shaun R Hurley

Art Unit

3765

Page 1 of 1

U.S. PATENT DOCUMENTS

| * | | Document Number Country Code-Number-Kind Code | Date MM-YYYY | Name | Classification |
|---|---|--|-----------------|---------------|----------------|
| ✓ | A | US-5727401-A | 03-1998 | Statham | 66/176 |
| ✓ | B | US-5540980-A | 07-1996 | Tolbert et al | 428/215 |
| ✓ | C | US-5506043-A | 04-1996 | Lilani | 428/229 |
| ✓ | D | US-4921756-A | 05-1990 | Tolbert et al | 428/373 |
| ✓ | E | US-3729920 | 05-1973 | Sayers et al | 57/144 |
| | F | US- | | | |
| | G | US- | | | |
| | H | US- | | | |
| | I | US- | | | |
| | J | US- | | | |
| | K | US- | | | |
| | L | US- | | | |
| | M | US- | | | |

FOREIGN PATENT DOCUMENTS

| * | | Document Number Country Code-Number-Kind Code | Date MM-YYYY | Country | Name | Classification |
|---|---|--|-----------------|---------|------|----------------|
| | N | | | | | |
| | O | | | | | |
| | P | | | | | |
| | Q | | | | | |
| | R | | | | | |
| | S | | | | | |
| | T | | | | | |

NON-PATENT DOCUMENTS

| * | | Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages) |
|---|---|---|
| | U | |
| | V | |
| | W | |
| | X | |

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

| | | | |
|---|---------------------------------------|--|-------------|
| Notice of References Cited SEP 24 2000 PATENT & TRADEMARK OFFICE | Application/Control No. 09/948,720 | Applicant(s)/Patent Under Reexamination LAND, FRANK J. | |
| | Examiner Shaun R Hurley | Art Unit 3765 | Page 1 of 1 |

U.S. PATENT DOCUMENTS

| | | Document Number Country Code-Number-Kind Code | Date MM-YYYY | Name | Classification |
|---|---|--|-----------------|-------------------|----------------|
| | A | US-5,496,625 | 03-1996 | Lilani, Harish N. | 442/190 |
| X | B | US-5,540,980 | 07-1996 | Tolbert et al. | 428/373 |
| | C | US- | | | |
| | D | US- | | | |
| | E | US- | | | |
| | F | US- | | | |
| | G | US- | | | |
| | H | US- | | | |
| | I | US- | | | |
| | J | US- | | | |
| | K | US- | | | |
| | L | US- | | | |
| | M | US- | | | |

FOREIGN PATENT DOCUMENTS

| * | | Document Number Country Code-Number-Kind Code | Date MM-YYYY | Country | Name | Classification |
|---|---|--|-----------------|---------|------|----------------|
| | N | | | | | |
| | O | | | | | |
| | P | | | | | |
| | Q | | | | | |
| | R | | | | | |
| | S | | | | | |
| | T | | | | | |

NON-PATENT DOCUMENTS

| * | | Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages) |
|---|---|---|
| | U | |
| | V | |
| | W | |
| | X | |

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
 Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

INFORMATION DISCLOSURE CITATION

PTO-1449

ATTORNEY'S DKT NO
015452-017APPLICATION NO.
Con't of 09/624,772APPLICANT
Frank J. LANDFILING DATE
September 10, 2001GROUP
1774

U.S. PATENT DOCUMENTS

| EXAMINER'S INITIALS | PATENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE |
|---------------------|------------|----------|--------------------|-------|----------|-------------|
| SRH | 6,240,716 | 06/05/01 | Yanagawase et al | | | |
| SRH | 6,146,759 | 11/2000 | Land | | | |
| SRH | 5,688,594 | 11/18/97 | Lichscheidt et al | | | |
| SRH | 5,597,649 | 01/28/97 | Sandor et al | | | |
| SRH | 5,540,980 | 7/1996 | Tolbert et al | | | |
| SRH | 5,496,625 | 3/1996 | Lilani | | | |
| SRH | 4,958,485 | 9/1990 | Montgomery et al | | | |
| SRH | 4,936,085 | 06/26/90 | Kolmes et al | | | |
| SRH | 4,927,698 | 5/1990 | Jaco et al | | | |
| SRH | 4,921,756 | 5/1990 | Tolbert et al | | | |
| SRH | 4,868,041 | 9/1989 | Yamagishi | | | |
| SRH | 4,718,225 | 1/1988 | Sanagi | | | |
| SRH | 4,670,327 | 6/1987 | Weber | | | |
| SRH | 4,640,179 | 02/03/87 | Cameron | | | |
| SRH | 4,551,887 | 11/1985 | Uematsu | | | |
| SRH | 4,541,231 | 9/1985 | Graham, Jr., et al | | | |
| SRH | 4,534,262 | 08/13/85 | Swenson | | | |
| SRH | 4,502,364 | 3/1985 | Zucker et al | | | |
| SRH | 4,500,593 | 2/1985 | Weber | | | |
| SRH | 4,497,167 | 2/1985 | Nakahara et al | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER'S INITIALS | PATENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | Translation | |
|---------------------|------------|------|---------|-------|----------|-------------|----|
| | | | | | | Yes | No |
| | | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

Shamir A8

DATE CONSIDERED

05/17/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

PTO-1449

ATTORNEY'S DKT NO.
015452-017APPLICATION NO.
Con't of 09/624,772APPLICANT
Frank J. LANDFILING DATE
September 10, 2001GROUP
1774

U.S. PATENT DOCUMENTS

| EXAMINER'S INITIALS | PATENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE |
|---------------------|------------|---------|--------------|-------|----------|-------------|
| SRH | 4,381,639 | 5/1993 | Kress | | | |
| SRH | 4,331,729 | 5/1982 | Weber | | | |
| SRH | 4,299,884 | 11/1981 | Payen | | | |
| SRH | 4,263,777 | 4/1981 | Wada et al | | | |
| SRH | 4,024,700 | 5/1977 | Drummond | | | |
| SRH | 3,913,309 | 10/1975 | Chiarotto | | | |
| SRH | 3,886,015 | 5/1975 | Turner | | | |
| SRH | 3,828,544 | 8/13/74 | Alker | | | |
| SRH | 3,729,920 | 5/1973 | Sayers et al | | | |
| SRH | 3,572,397 | 3/1971 | Austin | | | |
| SRH | 3,439,491 | 4/1969 | Scruggs | | | |
| SRH | 3,366,001 | 1/1968 | Meserole | | | |
| SRH | 5,849,648 | 12/1998 | Kent et al. | | | |
| SRH | 5,891,813 | 4/1999 | Gadoury | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER'S INITIALS | PATENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | Translation | |
|---------------------|------------|---------|----------------------------|-------|----------|-------------|----|
| | | | | | | Yes | No |
| SRH | 0 059 585 | 10/1982 | Japan (w/English Abstract) | | | | |
| SRH | 0 100 323 | 1/1983 | Japan (w/English Abstract) | | | | |
| SRH | 0 107 608 | 6/1985 | Japan (w/English Abstract) | | | | |
| SRH | 0 261 330 | 11/1986 | Japan (w/English Abstract) | | | | |
| SRH | 0 141 041 | 6/1989 | Japan (w/English Abstract) | | | | |
| SRH | 1 593 048 | 7/1981 | Great Britain | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|-------------------|---|
| SRH | International Search Report issued in Application No. PCT/US00/22956. |
| SRH | International Search Report issued in Application No. PCT/US01/29282. |
| | |
| EXAMINER | DATE CONSIDERED |
| <i>Shaw B. AS</i> | 05/17/02 |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.